

Appl. No 11/068,161

Reply to Office Action of Feb 7, 2007

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Withdrawn) A method for preventing or attenuating atrial fibrillation (AF) promotion by atrial tachycardia in a subject comprising the administration of a therapeutically effective amount of a HMG-CoA reductase inhibitor.
2. (Withdrawn) A method as defined in claim 1, wherein said HMG-CoA reductase inhibitor is effective against longer-term atrial tachycardia remodeling.
3. (Original) A method as defined in claim 2, wherein said longer-term is greater than 24 hours.
4. (Withdrawn) A method as defined in claim 2, wherein said HMG-CoA reductase inhibitor is selected from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®), Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eptastatin, mevinolin, and synvinolin.
5. (Withdrawn) A method as defined in claim 4, wherein said HMG-CoA reductase inhibitor is simvastatin (Zocor®).
6. (Withdrawn) A method as defined in claim 4, wherein said

Appl. No 11/068,161

Reply to Office Action of Feb 7, 2007

HMG-CoA reductase inhibitor is administered in an amount of about 0.1-2 mg/day.

7. (Withdrawn) A method as defined in claim 6, wherein said subject is a mammal.

8. (Withdrawn) A method as defined in claim 7, wherein said mammal is human.

9. (Original) A method of preventing atrial fibrillation (AF) by substrate modification comprising the step of administering to a subject in need thereof a therapeutically effective amount of a statin drug.

10. (Original) A method as defined in claim 9, wherein said statin drug is chosen from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eptastatin, mevinolin, and synvinolin.

11. (Original) A method as defined in claim 10, wherein said statin drug is simvastatin (Zocor®).

12. (Previously presented) A method as defined in claim, wherein said statin drug is administered in an amount of about 0.1-2 mg/day.

13. (Original) A method as defined in claim 12, wherein said subject is a mammal.

14. (Original) A method as defined in claim 13, wherein said mammal is human.

Appl. No 11/068.161

Reply to Office Action of Feb 7, 2007

15. (Withdrawn) A method of attenuating atrial tachypacing (ATP) effects on effective refractory period (ERP) in right atrium (RA) appendage, posterior wall and inferior wall comprising the step of administering to a subject in need thereof a therapeutically effective amount of a statin drug.

16. (Withdrawn) A method as defined in claim 15, wherein said statin drug is chosen from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eptastatin, mevinolin, and synvinolin.

17. (Withdrawn) A method as defined in claim 16, wherein said statin drug is simvastatin (Zocor®).

18. (Withdrawn) A method as defined in claim 16, wherein said statin drug is administered in an amount of about 0.1-2 mg/day.

19. (Withdrawn) A method as defined in claim 18, wherein said subject is a mammal.

20. (Withdrawn) A method as defined in claim 19, wherein said mammal is human.

21. (Withdrawn) A method for modulating atrial tachycardia-induced effects on CaV1.2 protein expression, said method comprising the step of administering to a subject an effective amount of a statin drug.

22. (Withdrawn) A method as defined in claim 21, wherein said statin drug is is chosen from the group consisting

Appl. No 11/068,161

Reply to Office Action of Feb 7, 2007

of: atorvastatin (Lipitor®), cerivastatin (Baycol®),  
fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®),  
pravastatin (Pravachol®), simvastatin (Zocor®), epistatin,  
eptastatin, mevinolin, and synvinolin.

23. (Withdrawn) A method as defined in claim 22, wherein  
said statin drug is simvastatin (Zocor®).

24. (Withdrawn) A method as defined in claim 22, wherein  
said statin drug is administered in an amount of about  
0.1-2 mg/day.

25. (Withdrawn) A method as defined in claim 24, wherein  
said subject is a mammal.

26. (Withdrawn) A method as defined in claim 25, wherein  
said mammal is human.